

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	717	726/22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 09:59
L2	3563	709/227.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 09:59
L3	1877	370/235.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 09:59
L4	0	1 (rst tcp sequence acknowledgement packet flow).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 10:06
L5	17	1 rst tcp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 10:07
L6	1071	rst tcp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 10:07
L7	7	rst near1 attack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/11/22 10:08
L8	617	6 (sequence or value) (acknowledge or ack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/22 10:10

## EAST Search History

L9	165	8 (dos or (denial near2 service))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/22 10:11
----	-----	-----------------------------------	---	-----	----	------------------



tcp reset rst ack

Search

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)
**Scholar** [All articles](#) [Recent articles](#) Results 1 - 10 of about 2,570 for **tcp reset rst ack**. (0.13 seconds)
**All Results**[S Savage](#)[V Paxson](#)[R Morris](#)[C Schuba](#)[T Ptacek](#)[A Weakness in the 4.2 BSD UNIX TCP/IP Software - group of 3 »](#)

RT Morris - Computing Science Technical Report No, 1985 - ja.net

... Each **TCP** connection also maintains a sequence number as part of its state. The packet flags **SYN**, **ACK**, and **RST** (synchronize, acknowledge, and **reset**), as well as ...Cited by 109 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[\[PS\] TCP and successive fast retransmits - group of 10 »](#)

S Floyd - Time (in Seconds) - icir.org

... See Figure 2. First, the Tahoe-style **TCP** source receives three duplicate **ACKs**, infers a ... The **rst ACK** for packet 141 causes the source to transmit packet 142. ...Cited by 65 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[Analysis of a Denial of Service Attack on TCP - group of 71 »](#)

C Schuba, I Krsul, M Kuhn, E Spafford, A Sundaram, ... - Proceedings of the 1997 IEEE Symposium on Security and ..., 1997 - doi.ieeecomputersociety.org

... generated by D. Not expecting a **SYN+ACK** without having ... to D, and consequently causeD to **reset** the connection ... The basis of the attack is that **TCP/IP** does not ...Cited by 160 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[\[PS\] A Simple Active Attack Against TCP - group of 89 »](#)

L Joncheray - unix.org

... SV R **ACK** CLT SEQ and SV R TO CLT OFFSET refers to CLT **ACK** SV R SEQ then the **rst**party attacker has to rewrite the **TCP** packet from the client to the server as: ...Cited by 62 - [Related Articles](#) - [Web Search](#)[\[BOOK\] Probing TCP Implementations - group of 7 »](#)

DE Comer, JC Lin - 1993 - bell-labs.com

... the peer **TCP** responds with an **ACK** segment if the connection is still alive; if the peer has dropped the connection, it will respond with a **reset** (**RST**) segment ...Cited by 23 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)[\[PS\] TCP SYN Flooding Defense - group of 4 »](#)

L Ricciulli, P Lincoln, P Kakkar - Comm. Net. and Dist. Systems Modeling and Simulation Conf. ( ...), 1999 - metanetworks.org

... If the last **ACK** message sent to the server is ... that is not directly addressed by the **TCP** standard and ... The **reset** cookies scheme is the only one that provides ...Cited by 17 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[\[PS\] TCP splicing for application layer proxy performance - group of 4 »](#)

D Maltz, P Bhagwat - IBM Research Report RC, 1998 - thefengs.com

... over the connection a sequence number so **TCP** can detect ... una: The sequence number of the **rst** unacknowledged data ... the sequence number of the greatest **ACK** received ...Cited by 65 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[\[PS\] Insertion, evasion, and denial of service: Eluding network intrusion detection - group of 46 »](#)

... may resolve conflicting **TCP** segments differently depending on its OS Section 5.5.1  
Destination OS Destination may not check sequence numbers on RST messages ...  
Cited by 319 - Related Articles - View as HTML - Web Search

A Kumar, M Hegde, SVR Anand, BN Bindu, D ... - Communications Magazine, IEEE, 2000 -  
ieeexplore.ieee.org

C Leckie, R Kotagiri - Network Operations and Management Symposium, 2002. NOMS 2002 ..., 2002 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

Goooooooooooooogle ►

## Search

©2006 Google



## tcp attack

**Search**

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)

**Scholar** All articles Recent articles

Results 1 - 10 of about 15,900 for tcp attack. (0.13 seconds)

## All Results

**J Mirkovic**

## K Park

C Schuba

M Kuhn

E Spafford

## Analysis of a Denial of Service Attack on TCP - group of 71 »

C Schuba, I Krsul, M Kuhn, E Spafford, A Sundaram, ... - Proceedings of the 1997 IEEE Symposium on Security and ..., 1997 - doi.ieeecomputersociety.org

Page 1. Analysis of a Denial of Service **Attack on TCP ...** The basis of the **attack** is that **TCP/IP** does not offer strong authentication on its control packets. ...

[Cited by 160](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] A Simple Active **Attack** Against **TCP** - group of 89 »

L Joncheray - [usenix.org](http://usenix.org)

... Simple Active **Attack** Against **TCP** Laurent Joncheray Merit Network, Inc. Ann Arbor, MI 48105, USA Page 2. A Simple Active **Attack** Against **TCP** Laurent Joncheray ...

Cited by 62 - Related Articles - Web Search

## TCP/IP security threats and **attack** methods - group of 4 »

B Harris, R Hunt - Computer Communications, 1999 - 202.113.12.9

... This article classifies a range of known **attack** methods focusing in particular on SYN flooding, IP spoofing, **TCP** sequence number **attack**, **TCP** session hijacking ...

Cited by 63 - Related Articles - View as HTML - Web Search

[CITATION] Analysis of a denial of service **attack** on TCP

CLSI Krsul, MG Kuhn, EH Spafford, A Sundaram, D ... - Proceedings of the 1997 IEEE Symposium on Security and .... 1997

Cited by 56 - Related Articles - Web Search

## Defending against low-rate TCP attacks: dynamic detection and protection - group of 11 »

H Sun, JCS Lui, DKY Yau - Network Protocols, 2004. ICNP 2004. Proceedings of the 12th ..., 2004 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... We consider a distributed approach to detect and to defend against the low-rate **TCP attack** [7]. The low-rate **TCP attack** is essentially a periodic short burst ...

Cited by 11 - Related Articles - Web Search

## A taxonomy of DDoS **attack** and DDoS defense mechanisms - group of 42 »

J Mirkovic - ACM SIGCOMM Computer Communication Review, 2004 - portal.acm.org

... For example, in the **TCP SYN attack**, the exploited feature is the allocation of substantial space in a connection queue immediately upon receipt of a **TCP SYN** ...

Cited by 121 - Related Articles - Web Search - BL Direct

## Security problems in the **TCP/IP** protocol suite - group of 230 »

SM Bellovin - ACM SIGCOMM Computer Communication Review, 1989 - portal.acm.org  
... maintenance or a reboot. A variant on this **TCP** sequence number **attack**.

... maintenance of a reboot. A variant on this TCP sequence number attack, not described by Morris, exploits the netstat ts| service. ...

Cited by 396 - Related Articles - Web Search

## TCP congestion control with a misbehaving receiver - group of 48 »

S. Savage, N. Cardwell, D. Wetherall, T. Anderson - ACM SIGCOMM Computer Communication Review. 1999 - [portal.acm.org](http://portal.acm.org)

[illegible]

denote with a "Y" those operating systems that we found to be vulnerable. ...  
Cited by 104 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[CITATION] Eugene H. spafford, Aurobindo Sundaram, Diego Zamboni, Analysis  
of a Denial of Service **Attack on TCP**

CL Schuba, IV Krsul, MG Kuhn - Proceedings of the 1997 IEEE Symposium on Security and  
...  
Cited by 23 - [Related Articles](#) - [Web Search](#)

Attacking DDoS at the source - group of 8 »

J Mirkovic, G Prier, P Reiher - Network Protocols, 2002. Proceedings. 10th IEEE ..., 2002 -  
ieeexplore.ieee.org

... A solid line represents the traffic passed to the victim in the case of a UDP **attack**,  
a dotted line represents the case of a **TCP attack**, and a dash-dotted line ...

Cited by 99 - [Related Articles](#) - [Web Search](#)

Goooooooooooooogle ►

Result Page:    1 2 3 4 5 6 7 8 9 10    **Next**

tcp attack

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



tcp attack "rst packet"

Search

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)

**Scholar** [All articles](#) [Recent articles](#) Results 1 - 10 of about 269 for **tcp attack "rst packet"**. (0.15 seconds)

**All Results**[V Paxson](#)[C Schuba](#)[H Wang](#)[E Spafford](#)[D Zamboni](#)[Analysis of a Denial of Service \*\*Attack\*\* on \*\*TCP\*\* - group of 71 »](#)

C Schuba, I Krsul, M Kuhn, E Spafford, A Sundaram, ... - Proceedings of the 1997 IEEE Symposium on Security and ..., 1997 - doi.ieeecomputersociety.org

... Figure 8. **Attack** scenario: synkill gener- ates **RST packet** in response to ... Synkill completes **TCP** connections by generat- ing the third message of the three ...[Cited by 160](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[\[PS\] A Simple Active \*\*Attack\*\* Against \*\*TCP\*\* - group of 89 »](#)

L Joncheray - usenix.org

... the rst connection when it receives the **RST packet** and then ... The success of the **attack** relies on the correct value ... but will put both end of the **TCP** session in ...[Cited by 62](#) - [Related Articles](#) - [Web Search](#)[A Weakness in the 4.2 BSD UNIX \*\*TCP/IP\*\* Software - group of 3 »](#)

RT Morris - Computing Science Technical Report No, 1985 - ja.net

... insecure enough to supply appropriate powers after a determined **attack**. ... acknowledge it and put the destination **TCP** port in ... to C, and C sends a **RST packet** to B ...[Cited by 109](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[Detecting SYN flooding attacks - group of 6 »](#)

H Wang, D Zhang, KG Shin - INFOCOM 2002. Twenty-First Annual Joint Conference of the ..., 2002 - ieeexplore.ieee.org

... If a SYN flooding **attack** is detected at the first ... beginning (SYN) and end (FIN) of each **TCP** connection. ... While the **RST packet** violates the SYN-FIN pair, for any ...[Cited by 144](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)[A Rule-based Approach for Port Scanning Detection - group of 8 »](#)

U Kanlayasiri, S Sanguanpong, W Jaratmanachot - Proceedings of the 23 rdElectrical Engineering Conference, ..., 2000 - anreg.cpe.ku.ac.th

... the full connection but **TCP** half-connect, on the other hand, will employ **RST packet** to close ... Stealth or **TCP** FIN scanning plays a role of **attack** by sending ...[Cited by 10](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[Defending against a Denial-of-Service \*\*Attack\*\* on \*\*TCP\*\* - group of 5 »](#)

P Mutaf - Proceedings of the Recent Advances in Intrusion Detection ..., 1999 - inrialpes.fr

... which may be different for different implementations of **TCP**. ... In the case of an **attack**, the client's ... a timeout period) the gateway sends a **RST packet** in order ...[Cited by 10](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)[Using router stamping to identify the source of IP packets - group of 8 »](#)

TW Doepfner, PN Klein, A Koyfman - Proceedings of the 7th ACM conference on Computer and ..., 2000 - portal.acm.org

... For the **rst packet** R1 writes in slot 1 that it received the packet on ... Due to space limitations we concentrate on the **TCP** SYN Flooding **Attack** as our example ...[Cited by 28](#) - [Related Articles](#) - [Web Search](#)[The TIME-WAIT state in \*\*TCP\*\* and its effect on busy servers - group of 13 »](#)

T Faber, J Touch, W Yue - INFOCOM'99. Eighteenth Annual Joint Conference of the IEEE ..., 1999 - ieeexplore.ieee.org

[Cited by 13](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

Search

©2006 Google





tcp attack "rst bit"

Search

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)
**Scholar** [All articles](#) [Recent articles](#) Results 1 - 10 of about 55 for **tcp attack "rst bit"**. (4.67 seconds)
**All Results**[S Bellovin](#)[C Cranor](#)[M Fullmer](#)[E Gansner](#)[B Krishnamurth...](#)**TCP/IP Security**

C Chambers, J Dolske, J Iyer - LinuxSecurity. com, <http://www.linuxsecurity.com/> ..., 1998 - linuxsecurity.com

... is first closed via the **RST bit**, and then ... as a stepping stone towards a more complicated

spoofing **attack**. ... one of the inherent vulnerabilities in **TCP/IP**, based ...

[Cited by 4](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

**An analysis of TCP reset behaviour on the internet - group of 2 »**

M Arlitt, C Williamson - ACM SIGCOMM Computer Communication Review, 2005 - portal.acm.org

... genuine (ie, not a delayed duplicate, or a replay **attack**). ... recycled for use as another **TCP** connection state ... The reset (**RST**) bit in the **TCP** packet header is ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

**[book] Managing TCP/IP Networks: Techniques, Tools, and Security Considerations - group of 2 »**

G Held - 2000 - doi.wiley.com

... 4 TheTransport Layer 73 4.1 **TCP** 73 4.1.1 The **TCP** header 74 Source and Destination

Port @elds 74 Port numbers ... 79 PSH bit 79 **RST bit** 79 SYN bit 79 FIN bit 79 ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

**[book] Bulletproofing TCP/IP-based Windows NT/2000 networks**

G Held - 2001 - doi.wiley.com

... 71 URG bit 71 ACK bit 72 PSH bit 72 **RST bit** 72 SYN ... fact that when done correctly this type of **attack** may go ... Bulletproofing TCP/IP-based Windows NT/2000 Networks ...

[Web Search](#)

**[PS] Internet Engineering Task Force Sally Floyd INTERNET DRAFT ICIR draft-floyd-tcp-reset-03. txt April, ...**

ITCPRC Harmful - icir.org

... This document defined the **RST bit** in the **TCP** header, and explained ... appears to be that anyone can effectively "**attack**" a new **TCP** function simply by ...

[View as HTML](#) - [Web Search](#)

**Automatic Verification of Transmission Control Protocol Using NuSMV - group of 2 »**

J Lu, Y Zhu - cs.toronto.edu

... is set and the ACK is acceptable, the next state is CLOSED; 3. If the **RST bit** is set ... We first use our model to confirm the **TCP** SYN flooding **attack** and then ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[PS] Internet Engineering Task Force Sally Floyd INTERNET DRAFT ICIR draft-floyd-tcp-reset-03a. txt March ...**

ITCPRC Harmful - icir.org

... This document defined the **RST bit** in the **TCP** header, and explained ... appears to be

that anyone can effectively "**attack**" a new **TCP** function simply by ...  
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Characterizing large DNS traces using graphs - group of 14 »](#)  
CD Cranor, E Gansner, B Krishnamurthy, O ... - Proceedings of the First ACM  
SIGCOMM Workshop on Internet ..., 2001 - portal.acm.org  
... least one of the **TCP** packets had the **RST bit** set and ... addresses were targets for an  
denial of service **attack** using II? ... were removed as il- legal in the **TCP** graph ...  
[Cited by 12](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[RFC 3668. Internet-Drafts are working documents of the Internet  
Engineering Task Force \(IETF\), its ...](#)  
**TCP** Maintenance, MF Gont - gont.com.ar  
... When receiving a segment with the **RST bit** set, or an ICMP ... proposed in this  
document  
neither strengthens nor weakens **TCP's** resistance to **attack**. ...  
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Securing The Network With Cisco Router](#)  
BS Tan, NR Authentication - sans.org  
... first is when the **TCP** session ends via a FIN or **RST bit**. ... about the state of **TCP** and  
UDP connections. ... is that it can be used to combat denial-of-service **attack**. ...  
[View as HTML](#) - [Web Search](#)

Gooooooooogle ►

Result Page:    1   2   3   4   5   6    [Next](#)

tcp attack "rst bit"

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google